



Issuance Date: July 10, 2002
Effective Date: August 1, 2002
Expiration Date: June 30, 2007

STATE WASTE DISCHARGE PERMIT NUMBER NO. ST 5043

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Southwest Regional Office

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
authorizes

Washington State Department of Corrections
Washington Corrections Center
P.O. Box 900
Shelton, WA 98584

to discharge wastewater in accordance with the special and general conditions which follow.

Plant Location: Mason County: Northwest of
Shelton

Discharge Location:
Sprayfield and Drainfield

Latitude: 47° 11' 25" N
Longitude 123° 14' 40" W

Treatment Type: Tertiary - Oxidation
Ditch/Filtration

Facility Location:
Latitude: 47° 14' 10" N
Longitude: 123° 11' 10" W

Kelly Susewind, P.E.
Southwest Region Manager
Water Quality Program
Washington State Department of Ecology

TABLE OF CONTENTS

	<u>Page</u>
SUMMARY OF PERMIT REPORT SUBMITTALS	4
SPECIAL CONDITIONS	
S1. DISCHARGE LIMITATIONS	5
S2. MONITORING REQUIREMENTS	7
A. Wastewater Monitoring	
B. Ground Water Monitoring	
C. Irrigation and Crop Management Update	
D. Sampling and Analytical Procedures	
E. Flow Measurement	
F. Laboratory Accreditation	
S3. REPORTING AND RECORDKEEPING REQUIREMENTS	10
A. Reporting	
B. Records Retention	
C. Recording of Results	
D. Additional Monitoring by the Permittee	
E. Noncompliance Notification	
S4. FACILITY LOADING	12
A. Design Criteria	
B. Plans for Maintaining Adequate Capacity	
C. Annual Wasteload Assessment	
S5. OPERATION AND MAINTENANCE	13
A. Certified Operator	
B. O & M Program	
C. Short-Term Reduction	
D. Electrical Power Failure	
E. Prevent Connection of Inflow	
F. Bypass Procedures	
G. Operations and Maintenance Manual	
H. Irrigation Land Application	
I. Best Management Practices\Pollution Prevention Program	
S6. RESIDUAL SOLIDS	16
S7. PRETREATMENT	17
A. Discharge Authorization Required	
B. Prohibitions	
C. Notification of Industrial User Violations	
S8. SPILL PLAN	18

TABLE OF CONTENTS (cont.)

	<u>Page</u>
GENERAL CONDITIONS	
G1. SIGNATORY REQUIREMENTS.....	19
G2. RIGHT OF ENTRY	19
G3. PERMIT ACTIONS.....	20
G4. REPORTING A CAUSE FOR MODIFICATION	20
G5. NOTIFICATION OF NEW OR ALTERED SOURCES.....	20
G6. PLAN REVIEW REQUIRED	20
G7. COMPLIANCE WITH OTHER LAWS AND STATUTES	20
G8. DUTY TO REAPPLY	21
G9. PAYMENT OF FEES.....	21
G10. PENALTIES FOR VIOLATING PERMIT CONDITIONS.....	21

SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions sections of this permit for unscheduled submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S2.C.	Irrigation and Crop Management Plan Update	1/permit cycle	April 30, 2007
S3.A.	Discharge Monitoring Report	Monthly	Continue
S4.C.	Annual Wasteload Assessment	1/year	June 15, 2003
S5.G.	Operations and Maintenance Manual	Update as needed	
S8.	Spill Plan	1/permit cycle	December 31, 2002
G8.	Application for permit renewal	1/permit cycle	December 31, 2006

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to apply wastewater to land via spray irrigation as determined in the engineering report, the irrigation plan, and the crop management plan on the designated forest land:

The designated land for spray irrigation is approximately 27 acres of forest land located less than 1 mile east of the Washington Corrections Center.

As an emergency measure, the existing drainfields can be used as a backup during frozen or saturated soil conditions. Additional storage will be required if the drainfields are used excessively and experience failure.

Total nitrogen and water applied to the irrigation lands shall not exceed the levels determined by the Permittee's Irrigation and Crop Management Plan. Discharges to the sprayfield shall be subject to the following limitations:

Parameter	EFFLUENT LIMITATIONS	
	Average Monthly ^a	Maximum Daily
Flow	0.40 MGD	0.543 MGD
pH	Within range of 6 – 9 standard units	
		Maximum Weekly ^b
BOD ₅	15 mg/L	30 mg/L
TSS	10 mg/L	20 mg/L
Fecal Coliform Bacteria ^c	50/100 mL	100/100 mL
Total Nitrogen (as N)	10 mg/L	20 mg/L
^a The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.		
^b The maximum weekly effluent limitation is defined as the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.		
^c The average monthly value is based on the geometric mean. The geometric mean of a set of values $X_1, X_2 \dots X_n$ is the antilog of the arithmetic mean of the logarithms of the values, i.e., $\text{Log } G = (\log X_1 + \log X_2 \dots + \log X_n)/n$		

S2. MONITORING REQUIREMENTS

A. Wastewater Monitoring

The sampling point for the influent will be at the headworks after the screen.

The sampling point for the effluent from the treatment facility will be after disinfection and prior to discharging to the sprayfield or drainfields.

The Permittee shall monitor the wastewater according to the following schedule:

EFFLUENT TESTING SCHEDULE				
Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Flow	MGD		Continuous	
BOD ₅	mg/l	Influent/Effluent	2/week	24 hr Composite
TSS	mg/l	Influent/Effluent	2/week	24 hr Composite
pH	Standard Units	Influent/Effluent	Daily	Grab
TKN	mg/L	Influent	Monthly	Composite
Fecal Coliform Bacteria	#/100ml	Effluent	Weekly	Grab
NO ₃ (as N)	mg/l	Effluent	Monthly	Grab
Chloride	mg/L	Effluent	Quarterly/1 year ¹	Grab
Total Dissolved Solids	mg/L	Effluent	Quarterly/1 year ¹	Grab
Total Nitrogen	mg/L	Effluent	Quarterly/1 year ¹	Grab
Organic Nitrogen	mg/L	Effluent	Quarterly/1 year ¹	Grab
Ammonia	mg/L	Effluent	Quarterly/1 year ¹	Grab
Sulfate	mg/L	Effluent	Quarterly/1 year ¹	Grab
VOC's	mg/L	Effluent	1/year in October	Grab
Copper	mg/L	Effluent	1/year in October	Grab
Zinc	mg/L	Effluent	1/year in October	Grab
Iron	mg/L	Effluent	1/year in October	Grab

¹ Quarterly. Characterize for one year from effective date of issuance, then annually each October.

B. Ground Water Monitoring

The sampling points for ground water will be WCC-1, WCC-2, MW6, MW9. The Permittee shall monitor ground water according to the following schedule.

GROUND WATER MONITORING				
Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Static Water Level	feet	Monitoring Wells*	Jan., April, July, & October	Field Measurement
pH	standard units	Monitoring Wells	Jan., April, July, & October	Field Measurement
Dissolved Oxygen (DO)	mg/L	Monitoring Wells	Jan., April, July, & October	Field Measurement
Temperature	degrees C	Monitoring Wells	Jan., April, July, & October	Field Measurement
Specific Conductance	umho/cm	Monitoring Wells	Jan., April, July, & October	Field Measurement
Chloride	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Total Dissolved Solids	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Total Nitrogen	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Organic Nitrogen	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Ammonia	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Sulfate	mg/L	Monitoring Wells	Jan., April, July, & October	Grab
Fecal Coliform Bacteria	#/100ml	Monitoring Wells	Jan., April, July, & October	Grab
NO ₃ (as N)	mg/l	Monitoring Wells	Jan., April, July, & October	Grab
VOC's	mg/L	Monitoring Wells	1/year in October	Grab
Copper	mg/L	Monitoring Wells	1/year in October	Grab
Zinc	mg/L	Monitoring Wells	1/year in October	Grab

	GROUND WATER MONITORING			
Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Iron	mg/L	Monitoring Wells	1/year in October	Grab
Calcium	mg/L	Monitoring Wells	1/year in October	Grab
Magnesium	mg/L	Monitoring Wells	1/year in October	Grab
Potassium	mg/L	Monitoring Wells	1/year in October	Grab
Sodium	mg/L	Monitoring Wells	1/year in October	Grab
Manganese	mg/L	Monitoring Wells	1/year in October	Grab
Bicarbonate	mg/L	Monitoring Wells	1/year in October	Grab
Carbonate	mg/L	Monitoring Wells	1/year in October	Grab
Fluoride	mg/L	Monitoring Wells	1/year in October	Grab

*Monitoring Wells are WCC-1, WCC-2, MW-6, and MW-9.

C. Irrigation and Crop Management Plan Update

The Permittee shall submit an update to the Irrigation and Crop Management Plan. This update will be due with the submission of the application for permit renewal, April 30, 2007.

D. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Ground water sampling shall conform to the latest protocols in the *Implementation Guidance for the Ground Water Quality Standards*, (Ecology 1996).

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

E. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

F. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, conductivity, pH, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. Crops, soils and hazardous waste data are exempted from this requirement pending accreditation of laboratories for analysis of these media by the Department.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring results obtained during the previous month shall be reported on the monthly forms as provided, or otherwise approved, by the Department,

and be received no later than the 15th day of the month following the completed reporting period, unless otherwise specified in this permit. The report(s) shall be sent to the Department of Ecology, Southwest Regional Office, P.O. Box 47775, Olympia, Washington 98504-7775.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

The Permittee shall retain all records pertaining to the monitoring of sludge for a minimum of five years.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;
2. Repeat sampling and analysis of any violation and submit the results to the Department within 30 days after becoming aware of the violation;
3. Immediately notify the Department of the failure to comply; and
4. Submit a detailed written report to the Department within thirty days, unless requested earlier by the Department, describing the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

S4. FACILITY LOADING

A. Design Criteria

Flows or waste loadings of the following design criteria for the permitted treatment facility shall not be exceeded:

Design Population:	2650
Average flow for the maximum month:	.4 MGD
Influent BOD ₅ loading for maximum month:	1130 lbs/day
Influent TSS loading for maximum month:	830 lbs/day
Influent TKN loading for maximum month:	110 lbs/day

B. Plans for Maintaining Adequate Capacity

When the actual flow or wasteload reaches 85 percent of any one of the design criteria in S4.A. for three consecutive months, or when the projected increases would reach design capacity within five years, whichever occurs first, the Permittee shall submit to the Department, a plan and a schedule for continuing to maintain capacity at the facility sufficient to achieve the effluent limitations and other conditions of this permit. This plan shall address any of the following actions or any others necessary to meet this objective.

1. Analysis of the present design including the introduction of any process modifications that would establish the ability of the existing facility to achieve the effluent limits and other requirements of this permit at specific levels in excess of the existing design criteria specified in paragraph A above.
2. Reduction or elimination of excessive infiltration and inflow of uncontaminated ground and surface water into the sewer system.
3. Limitation on future sewer extensions or connections or additional waste loads.
4. Modification or expansion of facilities necessary to accommodate increased flow or wasteload.
5. Reduction of industrial or commercial flows or waste loads to allow for increasing sanitary flow or wasteload.

The plan must meet the requirements of WAC 173-240-060, "Engineering Report," and be approved by the Department prior to any construction. The plan shall specify any

contracts, ordinances, methods for financing, or other arrangements necessary to achieve this objective.

C. Annual Wasteload Assessment

The Permittee shall conduct an annual assessment of their flow and waste load and submit a report to the Department by June 15, 2003, and annually thereafter. The report shall contain the following: an indication of compliance or noncompliance with the permit effluent limitations; a comparison between the existing and design monthly average dry weather and wet weather flows, peak flows, BOD, and total suspended solids loadings; and (except for the first report) the percentage increase in these parameters since the last annual report. The report shall also state the present and design population or population equivalent, projected population growth rate, and the estimated date upon which the design capacity is projected to be reached, according to the most restrictive of the parameters above. The interval for review and reporting may be modified if the Department determines that a different frequency is sufficient.

S5. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Certified Operator

An operator certified for at least a Class III plant by the state of Washington shall be in responsible charge of the day-to-day operation of the wastewater treatment plant. An operator certified for at least a Class II plant shall be in charge during all regularly scheduled shifts.

B. O & M Program

The Permittee shall institute an adequate operation and maintenance program for their entire sewage system. Maintenance records shall be maintained on all major electrical and mechanical components of the treatment plant, as well as the sewage system and pumping stations. Such records shall clearly specify the frequency and type of maintenance recommended by the manufacturer and shall show the frequency and type of maintenance performed. These maintenance records shall be available for inspection at all times.

C. Short-Term Reduction

If a Permittee contemplates a reduction in the level of treatment that would cause a violation of permit discharge limitations on a short-term basis for any reason, and such reduction cannot be avoided, the Permittee shall give written notification to the Department, if possible, 30 days prior to such activities, detailing the reasons for, length of time of, and the potential effects of the reduced level of treatment. This notification does not relieve the Permittee of their obligations under this permit.

D. Electrical Power Failure

The Permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated wastes or wastes not treated in accordance with the requirements of this permit during electrical power failure at the treatment plant and/or sewage lift stations either by means of alternate power sources, standby generator, or retention of inadequately treated wastes. The Permittee shall maintain Reliability Class II (EPA 430-99-74-001) at the wastewater treatment plant, which requires primary sedimentation and disinfection.

E. Prevent Connection of Inflow

The Permittee shall strictly enforce their sewer ordinances and not allow the connection of inflow (roof drains, foundation drains, etc.) to the sanitary sewer system.

F. Bypass Procedures

The Permittee shall immediately notify the Department of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the collection or treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. Unavoidable Bypass -- Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit the Permittee shall notify the Department in accordance with condition S3.E "Noncompliance Notification."

2. Anticipated Bypass That Has The Potential to Violate Permit Limits or Conditions -- Bypass is authorized by an administrative order issued by the Department. The Permittee shall apply to the Department for the administrative order at least 30 days before the planned date of bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:

- a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.

- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.120.

3. Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions -- Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, or adversely impact public health as determined by the Department prior to the bypass.

G. Operations and Maintenance Manual

The O&M Manual shall be reviewed by the Permittee at least annually and updated as necessary. All manual changes or updates shall be submitted to the Department whenever they are incorporated into the manual. The approved operation and maintenance manual shall be kept available at the treatment plant.

The operation and maintenance manual shall contain the treatment plant process control monitoring schedule. All operators shall follow the instructions and procedures of this manual.

In addition, the manual shall include:

1. Treatment facility operational controls and procedures;
2. Irrigation system operational controls and procedures;
3. Protocols and procedures for ground water monitoring network sampling and testing;
4. Plant maintenance procedures for all facility components, including force main and sprayfield; and
5. Emergency procedures for plant shutdown and cleanup in event of wastewater system upset or failure.

H. Irrigation Land Application

1. There shall be no runoff of wastewater effluent applied to land by spray irrigation to any surface waters of the state or to any land not owned by or under control of the Permittee.

2. The Permittee shall use recognized good practices, and all available and reasonable procedures to control odors from the land application system. When notified by the Department, the Permittee shall implement measures to reduce odors to a reasonable minimum.
3. The wastewater shall not be applied to the irrigation lands in quantities that:
 - a. Significantly reduce or destroy the long-term infiltration rate of the soil.
 - b. Cause long-term anaerobic conditions in the soil.
 - c. Cause ponding of wastewater and produce objectionable odors or support insects or vectors.
 - d. Cause leaching losses of constituents of concern beyond the treatment zone or in excess of the approved design. Constituents of concern are constituents in the wastewater, partial decomposition products, or soil constituents that would alter ground water quality in amounts that would affect current and future beneficial uses.
 - e. Should not be applied to saturated or frozen ground.
4. The Permittee shall maintain all irrigation agreements for lands not owned for the duration of the permit cycle. Any reduction in irrigation lands by termination of any irrigation agreements may result in permit modification or revocation. The Permittee shall immediately inform the Department in writing of any proposed changes to existing agreements.

I. Best Management Practices/Pollution Prevention Program

The Permittee has implemented several operations to minimize flow and waste loads to the treatment plant. The following practices must be on going, as recommended by the Permittee's Wastewater Pollution Prevention Plan (WWP2), dated October 1996 by Gray & Osborne, Inc.

1. An adequately sized grease interceptor shall be maintained and cleaned on a regular basis. Records of maintenance and cleaning activity must be kept and made available during WWTP inspections.
2. The Permittee shall institute good operating practices for 1) mixing and handling cleaning solutions and detergents in all areas of operation applicable, and 2) water conservation in all areas applicable.

S6. RESIDUAL SOLIDS

Residual solids include screenings, grit, scum, primary sludge, waste activated sludge and other solid waste. The Permittee shall store and handle all residual solids in such a manner so as to prevent their entry into state ground or surface waters. The Permittee shall not discharge leachate from residual solids to state surface or ground waters.

S7. PRETREATMENT

A. Discharge Authorization Required

Significant commercial or industrial operations shall not be allowed to discharge wastes to the Permittee's sewerage system until the activity has received prior authorization from the Department in accordance with Chapter 90.48 RCW and Chapter 173-216 WAC, as amended. The Permittee shall immediately notify the Department of any proposed new sources of wastewater from significant commercial or industrial operations. Regulation of such ancillary operations, where necessary, shall be done by the inclusion of terms within this permit that apply the appropriate pretreatment standards and requirements. This permit may be modified to include such conditions that may apply to specific processes.

B. Prohibitions

A non-domestic activity may not be allowed to introduce into the Permittee's sewerage system any pollutant(s) that cause pass through or interference.

The Permittee shall ensure that the following non-domestic discharges are not discharged into the Permittee's sewerage system.

1. Pollutants that create a fire or explosion hazard in the domestic wastewater facilities (including, but not limited to waste streams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21).
2. Pollutants that will cause corrosive structural damage to the domestic wastewater facilities, but in no case discharges with pH lower than 5.0 standard units or greater than 11.0 standard units, unless the works are specifically designed to accommodate such discharges.
3. Solid or viscous pollutants in amounts that could cause obstruction to the flow in sewers or otherwise interfere with the operation of the POTW.
4. Any pollutant, including oxygen demanding pollutants, (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.
5. Heat in amounts that will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities such that the temperature at the POTW exceeds 40 degrees Celsius (104 degrees Fahrenheit) unless the Department, upon request of the Permittee, approves, in writing, alternate temperature limits.
6. Petroleum oil, non-biodegradable cutting oil, or products of mineral origin in amounts that will cause interference or pass through.
7. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity which may cause acute worker health and safety problems.

8. Any trucked or hauled pollutants, except at discharge points designated by the Permittee.
9. As provided by WAC 173-303-071(3)(a), discharges of dangerous wastes into the sewerage system by industrial or commercial users are prohibited unless the discharger has submitted an application for a State Waste Discharge Permit. The applicant must accurately describe the wastewater on a State Waste Discharge Permit Application for Industrial Discharges to a POTW (Ecology Form 040-177).
10. Noncontact cooling water in significant volumes.
11. Stormwater, and other direct inflow sources.
12. Wastewaters significantly affecting system hydraulic loading, which do not require treatment or would not be afforded a significant degree of treatment by the system.

C. Notification of Industrial User Violations

The Permittee shall notify the Department if any non-domestic activity violates the prohibitions listed in S7.B above.

S8. SPILL PLAN

The Permittee shall, by December 31, 2002, submit to the Department an update to the existing Spill Control Plan for the prevention, containment, and control of spills or unplanned releases. The Permittee shall review the plan at least annually and update the Spill Plan as needed. Changes to the plan shall be sent to the Department. The plan and any supplements shall be followed throughout the term of the permit.

The updated spill control plan shall include the following:

- A description of operator training to implement the plan.
- A description of the reporting system which will be used to alert responsible managers and legal authorities in the event of a spill.
- A description of preventive measures and facilities (including an overall facility plot showing drainage patterns) which prevent, contain, or treat spills of these materials.
- A list of all oil and petroleum products, materials, which when spilled, or otherwise released into the environment, are designated Dangerous (DW) or Extremely Hazardous Waste (EHW) by the procedures set forth in WAC 173-303-070, or other materials which may become pollutants or cause pollution upon reaching state's waters.
- Plans and manuals required by 40 CFR Part 112, contingency plans required by Chapter 173-303 WAC, or other plans required by other agencies which meet the intent of this section may be submitted.

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
 - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. NOTIFICATION OF NEW OR ALTERED SOURCES

The Permittee shall submit written notice to the Department whenever any new discharge or increase in volume or change in character of an existing discharge into the sewer is proposed which: (1) would interfere with the operation of, or exceed the design capacity of, any portion of the collection or treatment system; (2) would increase the total system flow or influent waste loading by more than 10 percent; (3) is not part of an approved general sewer plan or approved plans and specifications; or would be subject to pretreatment standards under 40 CFR Part 403 and Section 307(b) of the Clean Water Act. This notice shall include an evaluation of the system's ability to adequately transport and treat the added flow and/or wasteload.

G6. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G7. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G8. DUTY TO REAPPLY

The Permittee must apply for permit renewal at least 180 days prior to the specified expiration date of this permit.

G9. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G10. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.